

WEST

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L17: Entry 2 of 3

File: DWPI

Oct 23, 1991

DERWENT-ACC-NO: 1992-248245

DERWENT-WEEK: 199230

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TITLE: Gametocide compsns. for millet - comprise menthadiene pinene and cymene, produces full male sterility and have low phytotoxicity

INVENTOR: FEDIN, M A; KUZNETSOVA, T A ; SAVCHUK, V A

PRIORITY-DATA: 1986SU-4007209 (January 8, 1986)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
SU 1685319 A1	October 23, 1991	N/A	002	A01H001/04

INT-CL (IPC): A01H 1/04

ABSTRACTED-PUB-NO: SU 1685319A

BASIC-ABSTRACT:

The proposed gametocides are selected from gp. of bornyl acetate cpds. of formula (I) and comprises 1,4(8) p-menthadiene of formula (II), 1,8-p- menthadiene of formula (III), 2(10)-pinene of formula (IV) and p-cymene of formula (V).

The millet seeds are treated with 2% aq. suspensions of the proposed gametocides at (V-VI) organogenesis stage, in amt. 140 ml/sq.m. Tests show that use of the proposed gametocides results in 100% male sterility, while grain prodn. by free pollination remains at level 66.9-89.5%.

USE/ADVANTAGE - In agriculture as a gametocide for millet plants selection. The proposed gp. of gametocides offers higher efficiency and selectivity. Bul.39/23.10.91

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L5: Entry 4 of 7

File: DWPI

Mar 8, 1994

DERWENT-ACC-NO: 1994-121152

DERWENT-WEEK: 199415

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TITLE: Growth stimulant of roots of lawn grass - contains
essential oils of thyme and/or Laurus nobilis

PRIORITY-DATA: 1992JP-0221166 (August 20, 1992)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 06065016 A	March 8, 1994	N/A	003	A01N065/00

INT-CL (IPC): A01N 65/00

ABSTRACTED-PUB-NO: JP06065016A

BASIC-ABSTRACT:

Growth stimulant or roots of lawn grass diseases comprises one or more oils of thyme and Laurus nobilis. Essential oils of thymus and Laurus nobilis are extracted by steam distn. and the obtd. oil(s) is/are used to prepare conventional compsns. (e.g. emulsion or solns.).

USE/ADVANTAGE - Stimulation of growth of roots of lawn grass.

In an example, essential oils of thyme and Laurus nobilis exhibited growth stimulation of roots of lawn grass at a rate of 150 and 147%, respectively, at a concn. of five ppm in comparison to control gp. without addn. of the oil. A water dispersible compsn. was prepd. from 75 pts.wt. of thyme oil, three pts.wt. of polyoxyethylene alkyl aryl ether, two pts.wt. of Ca ligninsulphonate and 320 pts.wt. of water.

WEST**End of Result Set**

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L20: Entry 2 of 2

File: DWPI

May 15, 1980

DERWENT-ACC-NO: 1980-45625C

DERWENT-WEEK: 198026

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TITLE: Exterminating soil nematodes - by spraying soil with aq.
soln. of human vermicide

PRIORITY-DATA: 1978JP-0137642 (November 7, 1978)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 55064736 A	May 15, 1980	N/A	000	N/A

INT-CL (IPC): A01M 17/00

ABSTRACTED-PUB-NO: JP55064736A

BASIC-ABSTRACT:

A vermicide of the type usually used for human admin. is dissolved in water and the soln. is sprayed over the soil, whereby nematodes in the soil can be killed. The soln. is effective against almost all kinds of nematodes in soil, and has no undesirable side effects on plants. Suitable vermicides include santonin, Corsican weed, ethylene tetroxide, hexylresorcinal, and thymol. The vermicide is diluted with water at 10000 times vol., and the aq. soln. is sprayed over the soil several times, whereby almost all nematodes in the soil are exterminated.